UNITED STATES OPEN FILE REPORT 79-100 THREEMILE BUTTES QUADRANGLE DEPARTMENT OF THE INTERIOR MONTANA-POWDER RIVER CO. PLATE 35 OF 52 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY 4875 III SW (HOME CREEK BUTTE) 105°52′30″ 106°00′ 45°30′ OPEN-FILE REPORT R. 46 E. R. 47 E. This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature. EXPLANATION -600-OVERBURDEN ISOPACH-Showing thickness of over-13 burden, in feet, from the surface to the top of the coal bed. Isopach interval 200 feet (61 m) with an intermediate 500-foot isopach. BOUNDARY OF COAL 5 FEET OR MORE THICK— Drawn along the outcrop of coal bed and/or the inferred contact between burned and unburned coal and/or the 5-foot coal isopach. Arrows point toward area of coal 5 feet or more thick. DRILL HOLE—Showing thickness of overburden, in feet, from the surface to the top of the coal bed. 24 To convert feet to meters, multiply feet by 0.3048. To convert yds³/ton to m³/metric ton, multiply yds³/ton by 0.842.27'30" 25 13 17 13 16 15 18 20 24 22 21 23 19 28 27 30 45°22'30" 105°52'30" (PHILLIPS BUTTE)
4874 IV SW
SCALE 1:24000 Compiled in 1977 Base map from U.S. Geological Survey, 1966 1 KILOMETER 1 5 0 MONTANA UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

COAL RESOURCE OCCURRENCE MAP OF THE THREEMILE BUTTES QUADRANGLE,
POWDER RIVER COUNTY, MONTANA
BY

COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979